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DERWENT-WEEK: 200444

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TITLE: Positioning system for workpiece carrier or
workpieces which are held and controlled by multiple axis
manipulator or industrial robot

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
DE 29909047 U1	October 19, 2000	DE
WO 0071292 A1	November 30, 2000	DE
EP <u>1187700</u> A1	March 20, 2002	DE
EP <u>1187700</u> B1	January 14, 2004	DE
DE 50005030 G	February 19, 2004	DE
ES 2209891 T3	July 1, 2004	ES

DESIGNATED-STATES: US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
PT SE AT
BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE DE ES FR GB IT
SE

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
DE 50005030G	N/A	2000DE-505030
May 17, 2000		
EP 1187700A1	N/A	2000EP-935046
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EP 1187700B1	N/A	2000EP-935046
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WO2000071292A1	N/A	2000WO-EP04452
May 17, 2000		
EP 1187700A1	N/A	2000WO-EP04452
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EP 1187700B1	N/A	2000WO-EP04452
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TYPE	IPC	DATE
CIPS	B23Q1/26	20060101
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ABSTRACTED-PUB-NO: DE 29909047 U1

BASIC-ABSTRACT:

NOVELTY - The positioning system (1) is designed so that it has at least one reception system (9), at which the workpiece carrier (6) or the workpiece (8) is movably supported in one more axes (15) and can be oriented in different positions. The reception system (9) has at least one centering mounting (11), which can be designed as a prism or as a cone.

USE - Positioning workpiece carrier or workpieces.

ADVANTAGE - The positioning is improved and made more accurate using a multiple axis manipulator to hold and guide the workpiece carrier or the workpiece.

DESCRIPTION OF DRAWING(S) - The drawing shows a manipulator with a workpiece carrier, a workpiece and a positioner unit in a schematic side view.

Positioning unit (1)

Manipulator (2)

Workpiece carrier (6)

Workpiece (8)

Axis (15)

Station or cell (17)

CHOSEN-DRAWING: Dwg.1/2

TITLE-TERMS: POSITION SYSTEM WORKPIECE CARRY HELD CONTROL MULTIPLE

AXIS

MANIPULATE INDUSTRIAL ROBOT

DERWENT-CLASS: P55 P56 P62 X25

EPI-CODES: X25-A03E;

SECONDARY-ACC-NO:

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